

E2

37. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 21 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

E3

38. (Once Amended) An isolated protein comprising an amino acid sequence selected from the group consisting of:

- (a) the complete polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 97142; and
- (b) the mature form of the polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 97142.

E4

45. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 38 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

46. (Once Amended) An isolated protein comprising a first amino acid sequence 90% or more identical to a second amino acid sequence selected from the group consisting of:

- (a) amino acid residues 1 to 223 of SEQ ID NO:2;
- (b) amino acid residues 1 to 173 of SEQ ID NO:2;
- (c) amino acid residues 24 to 223 of SEQ ID NO:2;
- (d) amino acid residues 24 to 67 of SEQ ID NO:2;
- (e) amino acid residues 24 to 173 of SEQ ID NO:2;
- (f) amino acid residues 45 to 128 of SEQ ID NO:2; and
- (g) amino acid residues 68 to 173 of SEQ ID NO:2.

47. (Once Amended) The isolated protein of claim 46, wherein said second amino acid sequence is (a).

48. (Once Amended) The isolated protein of claim 46, wherein said second amino acid sequence is (b).

49. (Once Amended) The isolated polypeptide of claim 46, wherein said second amino acid sequence is (c).

50. (Once Amended) The isolated protein of claim 46, wherein said second amino acid sequence is (d).

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cont.

51. (Once Amended) The isolated protein of claim 46, wherein said second amino acid sequence is (e).

52. (Once Amended) The isolated protein of claim 46, wherein said second amino acid sequence is (f).

53. (Once Amended) The isolated protein of claim 46, wherein said second amino acid sequence is (g).

E5

69. (Once Amended) The isolated protein of claim 46 wherein said isolated protein further comprises a heterologous polypeptide.

E6

72. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 46 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

73. (Once Amended) An isolated protein comprising a first amino acid sequence 90% or more identical to a second amino acid sequence selected from the group consisting of:

- (a) the complete polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 97142; and
- (b) the mature form of the polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 97142.

74. (Once Amended) The isolated protein of claim 73, wherein said second amino acid sequence is (a).

E6  
cont

75. (Once Amended) The isolated protein of claim 73, wherein said second amino acid sequence is (b).

E7

80. (Once Amended) The isolated protein of claim 73 wherein said isolated protein further comprises a heterologous polypeptide.

E8

83. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 73 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

E9

85. (Once Amended) The isolated protein of claim 84 comprising at least 50 contiguous amino acids of SEQ ID NO:2.

86. (Once Amended) The isolated protein of claim 84 wherein said isolated protein further comprises a heterologous polypeptide.

E10

89. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 84 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

E11

91. (Once Amended) The isolated protein of claim 90 comprising at least 50 contiguous amino acids of the polypeptide encoded by the cDNA contained in ATCC Deposit No. 97142.

92. (Once Amended) The isolated protein of claim 90 wherein said isolated protein further comprises a heterologous polypeptide.

E12

95. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 90 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

Please add the following new claims:

E13

96. (New) An isolated protein comprising a first amino acid sequence 95% or more identical to a second amino acid sequence selected from the group consisting of:

- (a) amino acid residues 1 to 223 of SEQ ID NO:2;
- (b) amino acid residues 1 to 173 of SEQ ID NO:2;
- (c) amino acid residues 24 to 223 of SEQ ID NO:2;
- (d) amino acid residues 24 to 67 of SEQ ID NO:2;
- (e) amino acid residues 24 to 173 of SEQ ID NO:2;
- (f) amino acid residues 45 to 128 of SEQ ID NO:2; and
- (g) amino acid residues 68 to 173 of SEQ ID NO:2.

97. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (a).

98. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (b).

99. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (c).

100. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (d).

101. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (e).

102. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (f).

103. (New) The isolated protein of claim 96, wherein said second amino acid sequence is (g).

104. (New) The isolated protein of claim 96, wherein said isolated protein further comprises a heterologous polypeptide.

E13  
cont.

105. (New) The isolated protein of claim 96, wherein said isolated protein is glycosylated.

106. (New) A composition comprising the isolated protein of claim 96 and a pharmaceutically acceptable carrier.

107. (Once Amended) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 96 in a host cell transformed with said nucleic acid; and
- (b) recovering the protein produced by the method.

108. (New) An isolated protein comprising a first amino acid sequence 95% or more identical to a second amino acid sequence selected from the group consisting of:

- (a) the complete polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 97142; and
- (b) the mature form of the polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 97142.

109. (New) The isolated protein of claim 108, wherein said second amino acid sequence is (a).

110. (New) The isolated protein of claim 108, wherein said second amino acid sequence is (b).

111. (New) The isolated protein of claim 108, wherein said isolated protein further comprises a heterologous polypeptide.

112. (New) The isolated protein of claim 108, wherein said isolated protein is glycosylated.

113. (New) A composition comprising the isolated protein of claim 108 and a pharmaceutically acceptable carrier.

E13  
cont.

114. (New) A protein produced by a method comprising:

- (a) expressing a nucleic acid encoding the isolated protein of claim 108 in a host cell transformed with said nucleic acid; and
  - (b) recovering the protein produced by the method.
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